

Title (en)

DEVICE FOR PROTECTING A MOTOR-DRIVEN MACHINE PART FROM OVERLOAD AND FOR BRAKING THE PART

Title (de)

EINRICHTUNG ZUM ÜBERLASTSCHUTZ UND ABBREMSEN EINES DURCH EINEN MOTOR ANGETRIEBENEN MASCHINENTEILS

Title (fr)

DISPOSITIF POUR LA PROTECTION CONTRE LES SURCHARGES ET POUR LE FREINAGE D'UNE PIECE DE MACHINE ENTRAINEE PAR UN MOTEUR

Publication

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Application

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Abstract (en)

[origin: US5555962A] PCT No. PCT/EP92/01544 Sec. 371 Date Jan. 17, 1994 Sec. 102(e) Date Jan. 17, 1994 PCT Filed Jul. 9, 1992 PCT Pub. No. WO93/01912 PCT Pub. Date Feb. 4, 1993A device for overload protection and for braking a machine part driven by a motor (2), in particular a tool driven by a cam gear in a stamping and/or bending machine, comprises a brake (3), an overload clutch (4) disengaging after exceeding a torque threshold, and a freewheel (6) which, during the braking of the drive shaft (1), blocks in the direction of drive, each being arranged on the drive shaft (1) behind one another in the drive line extending from the motor (2) to the machine part.

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